

**2020 TECHNICAL SPECIFICATIONS**  
**UPDATES**  
**Summary of Changes**

**S-300 ASPHALTIC CONCRETE**

1. Corrected typo on page TS-62 Superpave Asphaltic Concrete Test (Verified Mix Design) % Voids @ NDES was incorrectly listed as MDES.

**S-501 CURED IN PLACE PIPE (CIPP) SEWER LINING**

1. Revised Section B.2, 3<sup>rd</sup> bullet point, a., i. Pipe Condition: **Fully** Deteriorated.

**S-800 TRAFFIC SIGNALS**

1. Revise Section A.13 to the following: ... *The housing for each signal section shall be made of a durable polycarbonate and shall be yellow in color, **unless otherwise specified on the plans.***
2. Revised A.18 to the following: ... *The construction materials and colors for pedestrian signal heads shall conform to those listed in the previous section with the following additions outlined below. The LED module shall display a solid Portland orange hand and lunar white man and two Portland orange countdown numbers, **and shall be a single-section with clamshell mounting.***
3. Revised Section A.19 to the following: ... *The pedestrian signal door and visor shall be black in color. **The pedestrian signal housing shall be 16 inches by 16 inches and shall have tunnel visors.** All visors shall be a minimum of 0.06 inches thick.*
4. Revised Section A.20 to the following: ... *The countdown indications shall be 120-volt LEDs in self-contained enclosures and shall have a 10-year life expectancy.*
5. Revised Section A.35 to change KCP&L references to Evergy.
6. Revised Section A.37 to the following: ... *Additionally, all signal conduits shall have a spare 1000 lb. or higher run of mule tape installed continuously through all conduits (box to box, box to controller, and box to pole base) and shall be tied off securely at each point. Any time new wire is installed in any existing signal conduits, a spare 1000 lb. or higher run of mule tape shall be installed*

*continuously through the existing conduits (box to box, box to controller, and box to pole base) and shall be tied off securely at each point.*

7. Revised Section A.52 changing the reference of ASC/3 firmware to Cobalt Rackmount firmware.

#### S-804 STREET LIGHTING

1. Revised Section A.10 to the following: ... *Screw-in foundations may be used, as shown on the plans, except when installed in the sidewalk or within 18 inches from the center of the pole to the edge of the sidewalk, **and the KCMMB mix design shall be used for these foundations.***
2. Revised Section A.17 to change KCP&L references to Evergy.
3. Revised Section C.9 to change KCP&L references to Evergy.

#### S-806 CONDUIT

1. Revised Section B.1 to the following: ... *installed in the top of the curb by drilling the curb and epoxying the conduit marker in place. Conduit markers shall be **inset into the curb so that the top of the marker is** flush with the curb.*
2. Created NEW Section B.2: ... *All signal conduits shall have a spare 1000 lb. or higher run of mule tape installed continuously through all conduits (box to box, box to controller, and box to pole base) and shall be tied off securely at each point. Any time new wire is installed in any existing signal conduits, a spare 1000 lb. or higher run of mule tape shall be installed continuously through the existing conduits (box to box, box to controller, and box to pole base) and shall be tied off securely at each point.*